



CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington D.C. 20231 on this date: July 20, 2001

Rosemarie Medina

Printed Name

Rosemarie Medina

Signature

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Jianglei Ma et al.

Serial No.: 09/819,957

Art Unit

2661

Filing Date: March 28, 2001

Atty Docket No.:

NTL-3.2.145/3519  
(12818ROUS02U)

For: PREAMBLE DESIGN FOR MULTIPLE-INPUT/MULTIPLE OUTPUT (MIMO)  
ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING (OFDM) SYSTEM

Box Missing Parts

Assistant Commissioner for Patents

Washington, D.C. 20231

**SUBMISSION OF SUBSTITUTE DRAWINGS**

Sir:

In response to the Notice to File Corrected Application Papers dated July 6, 2001,

Applicants enclose substitute drawings for Figs. 1 to 7.

Respectfully submitted,

Date: July 20, 2001

Lawrence E. Russ

Lawrence E. Russ

Reg. No. 35,342

COBRIN & GITTES

750 Lexington Avenue

New York, New York 10022

(212) 486-4000

Please type a plus sign (+) inside this box [ + ]

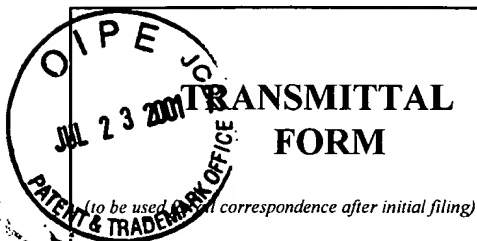
5B/21 (08-00)

0360

Approved for use through 10/31/2001. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



|  |                             |                                 |
|--|-----------------------------|---------------------------------|
| <b>TRANSMITTAL FORM</b><br>(to be used in correspondence after initial filing) | <b>Application Number</b>   | 09/819,957                      |
|  | <b>Filing Date</b>          | March 28, 2001                  |
|  | <b>First Named Inventor</b> | Jianglei Ma et al.              |
|  | <b>Group Art Unit</b>       | 2661                            |
|  | <b>Examiner Name</b>        | to be assigned                  |
| Total Number of Pages in this Submission [ 9 ]                                 | <b>Atty. Docket No.</b>     | NTL-3.2.145/3519 (12818ROUS02U) |

**ENCLOSURES (check all that apply)**

|  |  |   |
|--|--|---|
| <input type="checkbox"/> Fee Transmittal Form<br><br><input type="checkbox"/> Fee Attached<br><br><input type="checkbox"/> Amendment/Reply<br><br><input type="checkbox"/> After Final<br><br><input type="checkbox"/> Affidavits/declaration(s)<br><br><input type="checkbox"/> Extension of Time Request<br><br><input type="checkbox"/> Express Abandonment Request<br><br><input type="checkbox"/> Information Disclosure Statement<br>With attached IDS Citation form<br>PTO1449 and copies of References Cited<br><br><input type="checkbox"/> Certified Copy of Priority<br>Document(s)<br><br><input type="checkbox"/> Response to Missing Parts/<br>Incomplete Application<br><br><input type="checkbox"/> Response to Missing Parts<br>Under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers<br>(for an application)<br><br><input checked="" type="checkbox"/> Drawing(s)<br><br><input type="checkbox"/> Licensing-related Papers<br><br><input type="checkbox"/> Petition<br><br><input type="checkbox"/> Petition to Convert a Provisional<br>Application<br><br><input type="checkbox"/> Power of Attorney, Revocation<br>Change of Correspondence Address<br><br><input type="checkbox"/> Terminal Disclaimer<br><br><input type="checkbox"/> Request for Refund<br><br><br><br><input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication<br>to Group<br><br><input type="checkbox"/> Appeal Communication to Board<br>of Appeals and Interferences<br><br><input type="checkbox"/> Appeal Communication to Group<br>(Appeal Notice, Brief, Reply Brief)<br><br><input type="checkbox"/> Proprietary Information<br><br><input type="checkbox"/> Status Letter<br><br><input checked="" type="checkbox"/> Other Enclosure(s)<br>(Please identify below):<br><br>- Notice to File Corrected Application<br>papers (Part 2);<br>- Submission of Substitute Drawings. |
|  | <b>Remarks:</b><br><input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge additional fees or credit any overpayment<br>associated with this communication to Deposit Account No. <u>03-2317</u> .<br><br><input checked="" type="checkbox"/> Any additional filing fees required under 37 CFR § 1.16.<br><input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR § 1.17.  |   |

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

|                                |  |
|--------------------------------|--|
| <b>Firm or Individual Name</b> | COBRIN & GITTES<br>Lawrence E. Russ, Reg. No. 35,342 |
| <b>Signature</b>               | <i>Lawrence E. Russ</i>                              |
| <b>Date</b>                    | July 20, 2001  |

**CERTIFICATE OF MAILING**

|  |                         |                       |
|--|-------------------------|-----------------------|
| I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: July 20, 2001 |                         |                       |
| <b>Typed or printed name</b>   | Rosemarie Medina        |                       |
| <b>Signature</b>   | <i>Rosemarie Medina</i> | [Date]: July 20, 2001 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231. - G:\Apps\WPDATA\NORTEL\3519\Transmittal Substitute Drawings.wpd



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER    |
|--------------------|---------------------|-----------------------|---------------------------|
| 09/899,957         | 03/28/2001          | Jianglei Ma           | NTL-3.2.145/3519 (12818RO |

CONFIRMATION NO. 4214

## FORMALITIES LETTER



\*OC000000006265681\*

COHEN & GITTES  
750 Lexington Avenue, 21 Floor  
New York, NY 10022

Date Mailed: 07/06/2001

## NOTICE TO FILE CORRECTED APPLICATION PAPERS

*Filing Date Granted*

This application has been accorded an Application Number and Filing Date. The application, however, is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given **TWO MONTHS** from the date of this Notice within which to correct the informalities indicated below. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a)

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

T06240 1995T060